

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	181	("ZrO.sub.2" or zirconia or (zirconium near2 oxide)) same ((arm near2 member or length) or suspension) same (slider or transducer or head)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/25 13:21
L2	10	(("6751069") or ("6661617") or ("6414823") or ("6362939") or ("6282066")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/06/25 13:33
L3	57	(("ZrO.sub.2" or zirconia or (zirconium near2 oxide)) and ((arm near2 member or length) or suspension) and (slider or transducer or head)).clm.	US-PGPUB	OR	ON	2006/06/25 13:40
L4	1487	("ZrO.sub.2" or zirconia or (zirconium near2 oxide)) same ((arm near2 member or length) or suspension) and (slider or transducer or head)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/25 13:44
L5	851	4 and @ad<="20010227"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/25 13:48
L6	1487	("ZrO.sub.2" or zirconia or (zirconium near1 oxide)) same ((arm near2 member or length) or suspension) and (slider or transducer or head)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/25 13:44
L7	161	360/235.8.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/25 13:48
L8	244	360/294.4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/25 13:48
L9	161	360/234.6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/25 13:48
S1	131	360/235.8.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/16 10:01

## EAST Search History

S2	2	S1 and piezoelectric	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/10 22:51
S3	47768	(slider or transducer or (magnetic adj2 head)) and (piezoelectric or PZT or pzt)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/10 23:11
S4	25	S3 and 360/235\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/10 23:11
S5	7	("5021906"   "5313352"   "5880899"   "5943189"   "5959801"   "5991113"   "6073337").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/10 22:56
S6	11	("5184393"   "5215608"   "5359479"   "5421943"   "5559051"   "5587857"   "5712747"   "5734519"   "5757591"   "5771571"   "5867888").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/10 23:04
S7	356	(slider or transducer or (magnetic adj2 head)) and (piezoelectric or PZT or pzt) same (rail\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 11:26
S8	8	(("6327120") or ("4669011") or ("6246552") or ("6289564")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/10 23:21
S9	2	("6487045").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/10 23:21
S10	5	("4669011"   "5898541"   "6246552"   "6289564"   "6327120").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/10 23:26
S11	1	("6487045").URPN.	USPAT	OR	ON	2005/07/10 23:26
S12	4	(("6487045") or ("6289564")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/12/16 10:03
S13	2	"2000348321".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/16 10:04

## EAST Search History

S14	4	(("6487045") or ("6289564")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/04/13 11:04
S15	2	S14 and (ZrO2 or zirconia)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 11:26
S16	19	(slider or transducer or (magnetic adj2 head)) and (piezoelectric or PZT or pzt) same (rail\$) and (ZrO2 or zirconia)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 11:49
S17	19	(slider or transducer or (magnetic adj2 head)) and (piezoelectric or PZT or pzt) same (rail\$) and (ZrO2 or zirconia)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 11:27
S18	8265	(piezoelectric or PZT or pzt) and (ZrO2 or zirconia)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 11:27
S19	8265	(piezoelectric or PZT or pzt) and (ZrO2 or zirconia)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 11:27
S20	44	(piezoelectric or PZT or pzt) same (rail\$) and (ZrO2 or zirconia)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 12:39
S21	2372	(rail\$2 or (movable near2 arm)) and (ZrO2 or zirconia)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 12:34
S22	0	"360"/\$ccls. and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 11:32
S23	140	"360"/\$.ccls. and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 11:32
S24	12	("20020051326"   "5745319"   "6181531"   "6239952"   "6246552"   "6282066"   "6362939"   "6414822"   "6414823"   "6580687"   "6661617"   "6842311").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 11:38

## EAST Search History

S25	29	(slider or transducer or (magnetic adj2 head)) and (piezoelectric or PZT or pzt) same (rail\$) and ("ZrO.sub.2" or zirconia or (zirconium near2 oxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 11:50
S26	2372	(rail\$2 or (movable near2 arm)) and (ZrO2 or zirconia or (zirconium near2 oxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 12:34
S27	2609	(rail\$2 or (movable near2 arm)) and ("ZrO.sub.2" or zirconia or (zirconium near2 oxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 12:35
S28	197	S27 and "360"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 12:35
S29	203897	("ZrO.sub.2" or zirconia or (zirconium near2 oxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/24 13:36
S30	4555	(piezoelectric or PZT or pzt) same ("ZrOsub.2" or zirconia or (zirconium near2 oxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 12:39
S31	4898	(piezoelectric or PZT or pzt) same ("ZrO.sub.2" or zirconia or (zirconium near2 oxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/24 13:38
S32	63	S31 and "360"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/13 13:12
S33	2	("6751069").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/04/13 13:12
S34	207602	("ZrO.sub.2" or zirconia or (zirconium near2 oxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/24 13:47

## EAST Search History

S35	1124	S34 and "360"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/24 13:38
S36	635	S35 and @ad<"20010227"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/24 13:37
S37	635	S35 and @ad<="20010227"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/24 13:47
S38	5030	(piezoelectric or PZT or pzt) same ("ZrO <sub>2</sub> " or zirconia or (zirconium near2 oxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/24 13:38
S39	67	S38 and "360"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/24 13:51
S40	11	S39 and @ad<="20010227"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/24 13:38
S41	21	("ZrO <sub>2</sub> " or zirconia or (zirconium near2 oxide)) same (arm near2 member)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/24 13:50
S42	6	S41 and @ad<="20010227"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/24 13:51
S43	1487	("ZrO <sub>2</sub> " or zirconia or (zirconium near2 oxide)) same ((arm near2 member or length) or suspension) and (slider or transducer or head)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/25 13:43
S44	851	S43 and @ad<="20010227"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/24 13:53

## EAST Search History

S45	47	S44 and "360"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/24 13:52
S46	181	("ZrO <sub>2</sub> .sub.2" or zirconia or (zirconium near2 oxide)) same ((arm near2 member or length) or suspension) same (slider or transducer or head)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/25 13:39
S47	134	S46 and @ad<="20010227"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/24 13:53

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